

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A system for recommending a consumer product selection across a network, said system comprising:
  - a recommendation engine comprising a first module for determining a difference between a plurality of consumer products having a plurality of descriptors by differentiating between at least one descriptor of each said plurality of consumer products and providing said difference to a computer module;
  - a descriptor module for receiving descriptor input regarding the plurality of descriptors of at least a consumer product from at least two independent nodes on the network;
  - a second module coupled to said recommendation engine for sorting between each of said consumer products to form at least two classes for said plurality of consumer products;
  - a third module coupled to said recommendation engine for determining for each of said plurality of consumer products a correlation between said at least two classes and each of said plurality of descriptors, said third module assigning a weighting term for each of said plurality of descriptors based upon each of said descriptor's ability to sort between said at least two classes; and
  - a fourth module coupled to said recommendation engine for cooperatively operating on said weighting terms to provide a recommendation.
2. (Original) The system according to claim 1, wherein said consumer product is a member selected from the group consisting of cosmetics, tobacco, perfume, cologne, liquor, liqueurs and consumable liquids.
3. (Original) The system according to claim 2, wherein said consumer product is perfume.

4. (Original) The system according to claim 1, wherein each of said plurality of descriptors is a member independently selected from the group consisting of intrinsic descriptors and extrinsic descriptors.

5. (Original) The system according to claim 1, wherein each of said plurality of descriptors are in a digital format.

6. (Currently Amended) The system according to claim [[1]] 5, wherein said digital format is derived from a member selected from the group consisting of a stream of data and static data.

7. (Original) The system according to claim 1, wherein said correlation between the plurality of consumer products and said at least two classes is generated using cluster mapping.

8. (Original) The system according to claim 1, wherein said network is the Internet.

9-55. (Cancelled)

56. (New) The system according to claim 1, wherein the intrinsic descriptors comprise descriptors from an electronic nose signature.

57. (New) A computer implemented method for recommending a consumer product selection across a network, comprising:

determining a difference between a plurality of consumer products having a plurality of descriptors by differentiating between at least one descriptor of each said plurality of consumer products and providing said difference to a computer module;

receiving descriptor input regarding the plurality of descriptors of a consumer product from at least two independent nodes on the network;

sorting between each of said consumer products to form at least two classes for said plurality of consumer products;

determining for each of said plurality of consumer products a correlation between said at least two classes and each of said plurality of descriptors, and assigning a weighting term for each of said plurality of descriptors based upon each of said descriptor's ability to sort between said at least two classes; and

cooperatively operating on said weighting terms to provide a recommendation.

58. (New) A computer program product for recommending a consumer product selection across a network, comprising:

code for determining a difference between a plurality of consumer products having a plurality of descriptors by differentiating between at least one descriptor of each said plurality of consumer products and providing said difference to a computer module;

code for receiving descriptor input regarding the plurality of descriptors of a consumer product from at least two independent nodes on the network;

code for sorting between each of said consumer products to form at least two classes for said plurality of consumer products;

code for determining for each of said plurality of consumer products a correlation between said at least two classes and each of said plurality of descriptors, and assigning a weighting term for each of said plurality of descriptors based upon each of said descriptor's ability to sort between said at least two classes; and

code for cooperatively operating on said weighting terms to provide a recommendation